## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	9	("20020077683"   "20020111664"   "6240321"   "7315763"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/13 15:31
8	72	("3815611"   "3974834"   "4662377"   "4662382"   "4932407"   "4662377"   "4662382"   "5005587"   "5014696"   "5348021"   "5350404"   "5385579"   "5411527"   "5423772"   "5423865"   "5431683"   "5433729"   "5458621"   "5545204"   "5545206"   "5681514"   "5755766"   "5759202"   "5800495"   "5800497"   "5803928"   "5919222"   "5931864"   "5935160"   "5385579"   "5411527"   "5681514"   "6001085"   "6070104"   "6122552"   "6192280"   "6201994"   "6240321"   "6321123"   "6377856"   "6201994") .PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/13 15:34
S3	2	("2002/0111664").URPN.	USPAT	OR	ON	2009/10/13 15:34
S4	2	("2002/0077683").URPN.	USPAT	OR	ON	2009/10/13 15:34
<b>S</b> 5	2	("6408213").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/13 15:34
<b>S</b> 6	24	("3974834"   "5545206"   "5755766"   "5759202"   "5800495"   "5800497"   "5803928"   "5931864"   "6001085"   "6070104"   "6122552"   "6240321"). PN. OR ("6408213"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 15:34

S7	2	("6634364").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/13 15:35
\$8	36	("20020193742"   "3769984"   "4311153"   "4506680"   "4577642"   "4649938"   "4819661"   "4886074"   "4953564"   "5002067"   "5003992"   "5015238"   "5397343"   "5425755"   "5447534"   "5496360"   "5507724"   "5522874"   "5531780"   "5620477"   "5669790"   "5693034"   "5720631"   "5755766"   "5782760"   "5807384"   "6039685"   "6042624"   "6192280"   "6193748"   "6287280"   "6473651").PN. OR ("6634364").URPN.	US-PGPUB; USPAT; USOCR	NOR	ON	2009/10/13 15:36
<b>S9</b>	33	("20020019669"   "20030045921"   "20040030376"   "20040078057"   "20040116995"   "20040122501"   "4284085"   "4357497"   "4532930"   "4819647"   "5092333"   "5324321"   "5443493"   "5545219"   "5578084"   "5603726"   "5630839"   "5645585"   "5649970"   "5653742"   "5776178"   "6038484"   "6070105"   "6119044"   "6125302"   "6144883"   "6149657"   "6195586"   "6266568"   "6304787"   "6421569"   "7044942"   "7146227").PN. OR ("7315763").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 15:36
S10	2	("20040127968").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/13 15:37
S11	0	("2004/0127968").URPN.	USPAT	OR	ON	2009/10/13 15:37

S12	29	("4311153"   "4506680"   "4577642"   "4649938"   "4819661"   "4886074"   "4953564"   "5002067"   "5003992"   "5015238"   "5397343"   "5425755"   "5447534"   "5476501"   "5476708"   "5496360"   "5507724"   "5522874"   "5755766").PN. OR ("6240321").URPN.	US-PGPUB; USPAT; USOCR	OR		2009/10/13 15:37
S13	43		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/13 15:38
S14	25	("4819647"   "4832051"   "4898183"   "4991582"   "5000194"   "5037497"   "5255678"   "5443493"   "5545219"   "5578084"   "5603726"   "5645585"   "5649970"   "5653742"   "5667514"   "6074422"). PN. OR ("6266568"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 15:42
S15	29	("20030045921"   "20040030376"   "20040078057"   "20040116995"   "20040122501"   "20040172118"   "4284085"   "4357497"   "4532930"   "4819647"   "55443493"   "5545219"   "5578084"   "5603726"   "5630839"   "5645585"   "5649970"   "5653742"   "5776178"   "6038484"   "6070105"   "6119044"   "6125302"   "6144883"   "6195586"   "6304787"   "6421569"   "7146227"). PN. OR ("7319906"). URPN.	US-PGPUB; USPAT; USOCR	OR	O C	2009/10/13 15:45
S16	11	(("6606521") or ("20060235500") or ("2006008505")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/13 15:47
S17	7	(("6606521") or ("20060235500") or ("20060085055")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/13 15:47

S18	280	(("5238005") or	US-PGPUB;	OR	OFF	2009/10/13
310	200	(("5497784") or	USPAT;		OFF	15:51
			USOCR; EPO;			13.31
		("5520644") or				
		("5766203") or	JPO; DERWENT			
		("20040078057") or				
		("20050004627") or				
		("20060178720") or				
		("20070016132") or				
		("20070016165") or				
		("20070021771") or				
		("20080004684") or				
		("20080269864") or				
		("7451000") or				
		("20090043370") or				
		("4463765") or				
		("5484407") or				
		("5514112") or ("5971955") or				
		("4771776") or ("4771777") or				
		("4793350") or				
		("4793330") or				
		( 4856529") or				
		("5002532") or				
		("5226421") or				
		("5236424") or				
		("5236424") or				
		("5256143") or				
		("5281218") or				
		("RE34564") or				
		("5315887") or				
		("5345936") or				
		("5348554") or				
		("5370660") or				
		("5383876") or				
		("5391147") or				
		("5415166") or				
		("5423811") or				
		("5520645") or				
		("5536252") or				
		("5588964") or				
		("5591179") or				
		("5651373") or				
		("5656029") or		***************************************		
		("5658278") or				
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		("5697927") or				
		("5752970") or				
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		("5908405") or		· · · · · · · · · · · · · · · · · · ·		
		("5938671") or				
		("6014579") or				
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(*8019718) Or (*6174318") or (*628068") or (*628068") or (*6281563") or (*6281563") or (*6281563") or (*6281563") or (*6281563") or (*628172460") or (*6241702") or (*6241702") or (*6241702") or (*70050228481") or (*70050228481") or (*70050228410") or (*70050228410") or (*70050228410") or (*7005027060910") or (*7007060910") or (*7007060910") or (*7007060910") or (*7007060910") or (*7007021700") or (*70070221700") or (*70070221700") or (*70070221700") or (*70070221700") or (*70070221700") or (*70070221700") or (*700702258300") or (*700702258300") or (*700800077221") or (*700800077221") or (*700800119850") or (*70080119850") or (*70080119850") or (*70080119850") or (*70080119850") or (*70080119850") or (*700801147083") or (*70080114708340") or (*700801147083") or (*700801147083") or (*700801147083"	: \$	#("CO10710") or	:	:\$	:	1
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("6228088") or ("6231563") or ("6231563") or ("62315622") or ("6214702") or ("6312460") or ("6475237") or ("2006022441") or ("20060224102") or ("20070060910") or ("20070060910") or ("200700742752") or ("20070185435") or ("2007021700") or ("20070221701") or ("200702255309") or ("200702255309") or ("20070225509") or ("2007022550") or ("2008017921") or ("2008017921") or ("2008017925") or ("2008025569") or ("312380") or ("2008025569") or ("312380") or ("2008025569") or ("312380") or ("2008025569") or ("312380") or ("20080255699") or ("2008025						
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("6241702") or ("6212460") or ("6312460") or ("6312460") or ("62050228413") or ("20050224101") or ("20060224101") or ("2007006331") or ("2007006343") or ("20070142752") or ("20070142752") or ("20070121701") or ("2007021701") or ("20070221701") or ("20070225562") or ("20070255306") or ("20070255306") or ("2008002751") or ("20080017950") or ("20080119850") or ("20080119850") or ("20080147063") or ("20080147063") or ("20080147119") or ("20080147119") or ("20080147119") or ("20080147119") or ("20080147119") or ("20080138305") or ("2008023551") or ("2008023551") or ("20080135569") or ("2008023569") or ("2008030638") or ("2008030638") or ("20080305569") or ("2008030638") or ("20080305569") or ("2008030638") or ("20080305569") or ("5312360") or ("5417104") or ("5417104") or ("5417104") or ("5417330") or ("5417330") or ("54173330") or ("601305") or ("738440") or ("2005008541") or ("2005008541") or ("2005008541") or ("2005008541") or ("2005008541") or ("2005008541") or						
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("4075287") or ("20050228481") or ("20060224101") or ("20060224102") or ("20070069010") or ("20070078439") or ("20070184355") or ("20070185435") or ("20070221700") or ("20070221700") or ("20070225562") or ("20070225562") or ("20070255303") or ("20070255303") or ("20080077221") or ("20080077221") or ("2008017929") or ("20080149850") or ("20080147064") or ("20080147064") or ("20080147064") or ("20080154256") or ("20080154256") or ("20080154256") or ("20080255569") or ("2008025569") or ("2008023561") or ("2008023561") or ("2008023560") or ("2008023560") or ("2008023560") or ("2008023560") or ("20080312500") or ("20080312500") or ("5382238") or ("5637086") or ("5478330") or ("5478330") or ("5478330") or ("572846") or ("5738440") or ("5738440") or ("573840") or ("573840") or ("6004328") or ("600005323115") or ("600005323115") or ("600005323115") or ("6000005323115") or ("600005323115") or ("600005323115		("6241702") or				
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("20060224101") or ("20070060910") or ("20070060910") or ("2007008439") or ("20070142752") or ("20070185435") or ("20070221700") or ("20070221700") or ("20070225562") or ("20070225562") or ("2008027517") or ("20080027517") or ("20080119850") or ("20080119850") or ("20080147064") or ("20080147064") or ("20080147119") or ("20080147119") or ("20080154256") or ("20080255569") or ("2008030353") or ("20080303638") or ("20080303638") or ("20080243066") or ("20080235569") or ("20080255569") or ("20080303638") or ("20080303030") or ("200803030") or ("5382238") or ("5382238") or ("5417104") or ("5478330") or ("5478330") or ("6013085") or ("6013085") or ("6013085") or ("7289461") or ("7289461") or ("7272449") or ("7272449") or ("7272449") or ("7272449") or ("20030033139") or ("20030033139") or ("20030033139") or ("20030033139") or ("20040125501") or ("20030033139") or ("20030033139") or ("20030033139") or ("20030033139") or ("20040125501") or ("20040125501") or ("2004012501") or ("2004012501") or ("20050035841") or			or			
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S19	150	("5397341")).PN. (607/55).CCLS.	US-PGPUB;	OR	OFF	2009/10/13
			USPAT; USOCR; EPO; JPO; DERWENT			15:52
S20	2641	(607/115-119).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/13 15:52
S21	200	(607/137).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/13 15:52

S22	4880	(607/115-128).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/13 15:52
S23	107	(dadd-f\$.in. or gibson-p\$. in. or svehla-m\$.in. or treaba-c\$.in.) and seal\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/13 15:53
S24	28	("4311153"   "4506680"   "4577642"   "4649938"   "4819661"   "4886074"   "4953564"   "5002067"   "5003992"   "5015238"   "5397343"   "5425755"   "5447534"   "5476501"   "5476708"   "5496360"   "5507724"   "5522874"   "5531780"   "569ki3034"   "5755766").PN. OR ("6240321").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 15:53
\$25	186	S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S12 S14 S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/13 15:54
S26	463	S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S12 S14 S15 S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/13 15:54
S27	9	("20020077683"   "20020111664"   "6240321"   "7315763"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/14 11:05
S28	72	("3815611"   "3974834"   "4662377"   "4662382"   "4932407"   "4662377"   "4662382"   "5005587"   "5014696"   "5348021"   "5350404"   "5385579"   "5411527"   "5423772"   "5423865"   "5431683"   "5433729"   "5458621"   "5545204"   "5545206"   "5681514"   "5755766"   "5759202"   "5800495"   "5800497"   "5803928"   "5919222"   "5931864"   "5935160"   "5385579"   "5411527"   "5681514"   "6001085"   "6070104"   "6122552"   "6192280"   "6201994"   "6240321"   "6321123"   "6377856"   "6201994").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/14

S29	2	("2002/0111664").URPN.	USPAT	OR	ON	2009/10/14 11:05
S30	2	("2002/0077683").URPN.	USPAT	OR	ON	2009/10/14 11:05
S31	2	("6408213").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/14 11:05
S32	24	("3974834"   "5545206"   "5755766"   "5759202"   "5800495"   "5800497"   "5803928"   "5931864"   "6001085"   "6070104"   "6122552"   "6240321"). PN. OR ("6408213"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/14 11:05
S33	2	("6634364").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/14 11:05
S34	36	("20020193742"   "3769984"   "4311153"   "4506680"   "4577642"   "4649938"   "4819661"   "4886074"   "4953564"   "5002067"   "5003992"   "5015238"   "5397343"   "5425755"   "5447534"   "5496360"   "5507724"   "5522874"   "5531780"   "5620477"   "5669790"   "5693034"   "5720631"   "5755766"   "5782760"   "5807384"   "6039685"   "6042624"   "6192280"   "6193748"   "6287280"   "6473651").PN. OR ("6634364").URPN.	US-PGPUB; USPAT; USOCR	OR	0 0	2009/10/14 11:05
S35	33	("20020019669"   "20030045921"   "20040030376"   "20040078057"   "20040116995"   "20040122501"   "4284085"   "4357497"   "4532930"   "4819647"   "5092333"   "5324321"   "5443493"   "5545219"   "5578084"   "5603726"   "5630839"   "5645585"   "5649970"   "5653742"   "5776178"   "6038484"	US-PGPUB; USPAT; USOCR	OR	0 0 1	2009/10/14 11:05

		"6070105"   "6119044"   "6125302"   "6144883"   "6149657"   "6195586"   "6266568"   "6304787"   "6421569"   "7044942"   "7146227").PN. OR ("7315763").URPN.			· · · · · · · · · · · · · · · · · · ·	
S36	2	("20040127968").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/14 11:05
<b>S37</b>	29	("4311153"   "4506680"   "4577642"   "4649938"   "4819661"   "4886074"   "4953564"   "5002067"   "5003992"   "5015238"   "5397343"   "5425755"   "5447534"   "5476501"   "5476708"   "5496360"   "5507724"   "5522874"   "5531780"   "5693034"   "5755766").PN. OR ("6240321").URPN.	US-PGPUB; USPAT; USOCR	OR		2009/10/14 11:05
S38	25	("4819647"   "4832051"   "4898183"   "4991582"   "5000194"   "5037497"   "5255678"   "5443493"   "5545219"   "5578084"   "5603726"   "5645585"   "5649970"   "5653742"   "5667514"   "6074422"). PN. OR ("6266568"). URPN.	US-PGPUB; USPAT; USOCR	MOR	ON	2009/10/14 11:05
<b>S39</b>	29	("20030045921"   "20040030376"   "20040078057"   "20040116995"   "20040122501"   "20040172118"   "4284085"   "4357497"   "4532930"   "4819647"   "5443493"   "5545219"   "5578084"   "5603726"   "5630839"   "5645585"   "5649970"   "5653742"   "5776178"   "6038484"   "6070105"   "6119044"   "6125302"   "6144883"   "6195586"   "6304787"   "6421569"   "7146227"). PN. OR ("7319906"). URPN.	US-PGPUB; USPAT; USOCR	OR	NON CONTRACTOR OF THE PROPERTY	2009/10/14

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S40	280	(("5238005") or	US-PGPUB;	OR	OFF	2009/10/14
		("5497784") or	USPAT;			11:05
		("5520644") or	USOCR; EPO;			
:		("5766203") or	JPO; DERWENT			
		("20040078057") or				
		("20050004627") or				
		("20060178720") or				
		("20070016132") or				
		("20070016165") or				
		("20070021771") or				
		("20080004684") or				
		("20080269864") or				
		("7451000") or				
		("20090043370") or				
		("4463765") or				
		("5484407") or				
		("5514112") or				
		("5971955") or				
		("4771776") or				
		("4771777") or				
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	("20080027517") or					
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	("20080119849") or					
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	("20030045921") or					
	("20030093139") or					
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S45	266	(dadd-f\$.in. or gibson-p\$.	US-PGPUB;	OR ON	2009/10/14	
		in. or svehla-m\$.in. or	USPAT;			11:09
		treaba-c\$.in. or parker-jo\$	. USOCR; EPO;			
			JPO; DERWENT		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
S46	3	("2002/0193742").URPN.	USPAT	OR	ON	2009/10/14 11:11
	1.00	("0000100740"	LIC DODLID:	OD	ONI	
S47	103	("20020193742"	US-PGPUB;	OR	ON	2009/10/14 11:11
		"3769984"   "4011875"   "4106512"   "4146036"	USPAT; USOCR			11.11
		"4355646"   "4467806"   "4506680"   "4537186"				
		"4577642"   "4649904"				
		"4649938"   "4667686"				
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		"4819661"   "4886074"   "4932407"   "4934381"				
		"4943289"   "4953564"				
		"5002067"   "5003990"				
		"5003992"   "5011482"				
		"5013310"   "5014696"				
		"5015238"   "5016646"				
		"5041107"   "5099838"				
		"5103837"   "5207683"				
		"5234437"   "5243996"				
		"5266325"   "5283063"				
		"5299580"   "5304121"				
		"5304218"   "5313943"				
		"5324324"   "5348021"				
		"5350404"   "5381790"				
		"5397343"   "5425755"				
		"5433729"   "5447534"				
		"5456708"   "5458621"				
		"5476498"   "5476501"				
		"5487385"   "5496360"				
		"5507301"   "5507724"				
		"5509411"   "5514173"				
		"5520194"   "5522874"				
		"5531780"   "5545204"				
		"5562275"   "5584873"				
		"5609622"   "5620477"				
		"5643231"   "5669790"				
		"5693034"   "5720631"				
		"5755765"   "5755766"				
		"5782239"   "5782760"				
		"5800495"   "5800497"				
		"5803928"   "5807384"   "5897819"   "5902329"		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
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		"5910364"   "5935137"   "5935160"   "5951597"				
		"5957842"   "6039685"				
		"6042624"   "6141576"				
		"6192280"   "6193748"				
		"6240321"   "6287280"				
		"6356791"   "6377856"				

S48	3	"6408213"   "6447539"   "6473651"   "6634364"). PN. OR ("6901288"   "7412290").URPN. (("20020016622") or ("20050085885")).PN.	US-PGPUB; USPAT;	SOR	OFF	2009/10/14 11:12
0.10			USOCR; EPO; JPO; DERWENT			
S49	9	("2002/0016622"   "2005/0085885").URPN.	USPAT	OR	ON	2009/10/14 11:12
<b>S</b> 50	19	("20020147412"   "20030109914"   "20030171796"   "20030195602"   "20030216771"   "20030220676"   "20050070986"   "4103690"   "5549109"   "5683445"   "5755766"   "5800495"   "5803928"   "5968085"   "6363287"   "6408213"   "6512957"   "6529779"   "6567704"). PN. OR ("7493173"). URPN.	US-PGPUB; USPAT; USOCR		<b>O</b>	2009/10/14 11:13
S51	2	("20050256558").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/14 11:14
S52	0	("2005/0256558").URPN.	USPAT	OR	ON	2009/10/14 11:14
S53	26	("20030036790"   "20030236562"   "20040116995"   "20040172118"   "4357497"   "4532930"   "4686765"   "4819647"   "5037497"   "5545219"   "5578084"   "5645585"   "5653742"   "5720009"   "5999859"   "6038484"   "6070105"   "6078841"   "6119044"   "6125302"   "6144883"   "6195586"   "6374143"   "6397110"   "6421569"   "6757970"). PN. OR ("7451000"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/14 11:14

S54	25	("20030045921"   "20030181967"   "20040030376"   "20040078057"   "20040116995"   "20040122501"   "3890977"   "4046151"   "4154247"   "4357497"   "4381013"   "4532930"   "4762135"   "5645585"   "5653742"   "5755765"   "5769077"   "5782744"   "5902329"   "6038484"   "6119044"   "6304787"   "6309410"   "6421569"). PN. OR ("7269461"   "7272449").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/14 11:15
<b>S</b> 55	23	("20030045921"   "20040030376"   "20040078057"   "20040116995"   "20040122501"   "3890977"   "4046151"   "4154247"   "4357497"   "4381013"   "4532930"   "4762135"   "5645585"   "5653742"   "5755765"   "5782744"   "5902329"   "6038484"   "6119044"   "6304787"   "6421569"). PN. OR ("7146227"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/14 11:16
S56	31	("20040039245"   "20040133250"   "20040196169"   "20050062567"   "4053952"   "4125828"   "4207554"   "4573994"   "5458631"   "5853394"   "5876443"   "5891183"   "5922017"   "5983139"   "5997524"   "5999859"   "6231604"   "6259951"   "6309410"   "6348070"   "6361494"   "6377849"   "6535153"   "6556870"   "6594525"   "6600955"   "6661363"   "6727833"   "6838963"   "D419677"). PN. OR ("7044942"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/14 11:16

<b>S</b> 57	43	("3769984"   "4355646"   "5003990"   "5304218"   "5381790"   "5487385"   "5584873"   "5755765"   "5755766"   "5800495"). PN. OR ("6192280"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/14 11:19
S58	21	("20020016622"   "20020077685"   "4355646"   "4506680"   "4944088"   "4972848"   "5246014"   "5342414"   "5466254"   "5584873"   "5676694"   "5871530"   "5928277"   "5935160"   "6141593"   "6192280"   "6295476"   "6321123"   "6456888").PN. OR ("7031777").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/14 11:22
S59	2	("20040064173").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/14 11:23
S60	15	("4791939"   "4796642"   "5261419"   "5505686"   "5722425"   "5728148"   "5752915"   "5755766"   "5803928"   "5807339"   "5935160"   "6192280"   "6389320"   "6456890"). PN. OR ("6944506"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/14 11:24
S61	26	("3757768"   "4136703"   "4643716"   "5109830"   "5125395"   "5131406"   "5170787"   "5179961"). PN. OR ("5807339"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/14 11:25
S62	48	("4355646"   "4506680"   "4577642"   "4606118"   "4711251"   "4718423"   "4762129"   "4784892"   "4815478"   "4922912"   "4972848"   "5003990"   "5040548"   "5087244"   "5246014"   "5279560"   "5387233"   "5395352"   "5569296"   "5571161"   "5584873"   "5755766"   "5851226"   "5964795"   "6006122"   "6006137"   "6120500"   "6122522"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/14 11:27

		"6259953"   "6306106"   "6377856").PN. OR ("6567704").URPN.			·	
S63	2	("20020077685").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/14 11:28
S64	11	("2002/0077685").URPN.	USPAT	OR	ON	2009/10/14 11:28
S65	28	("20020077685"   "20030097121"   "4306563"   "4351337"   "4357497"   "4532930"   "4819662"   "4994069"   "5066278"   "5458631"   "5474542"   "5531780"   "5554114"   "5653742"   "5697951"   "5929041"   "5975085"   "6038482"   "6038484"   "6078841"   "6125302"   "6163729"   "6259951"   "6304787"   "6309410"   "6398758"   "6421569"   "7272449"). PN. OR ("7571012"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/14 11:28
S66	323	- 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/14 11:33
S67	703	S41 S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/14 11:33
S68	401	S67 and (seal\$5 or plug\$4 or valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/14 11:33
S69	274	S67 and ((seal\$5 or plug \$4 or valve) same (bore or channel or lumen or needle or stylet or opening))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/14 11:34
S70	81	\$67 and ((seal\$5 or plug \$4 or valve) near (bore or channel or lumen or needle or stylet or opening))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/14 11:35

S71	339	\$67 and ((seal\$5 or plug \$4 or valve) same2 (bore or channel or lumen or needle or stylet or opening))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/14 11:35
S72	339	S69 S70 S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/14 11:35
S73	60	("4046151"   "4106512"   "4142531"   "4146036"   "4217913").PN. OR ("4311153").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/14 11:37

## **EAST Search History (Interference)**

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